

FIGURE 1

FIGURE 2

Inventor: M. Zanetti

Docket: P-ZA 3519

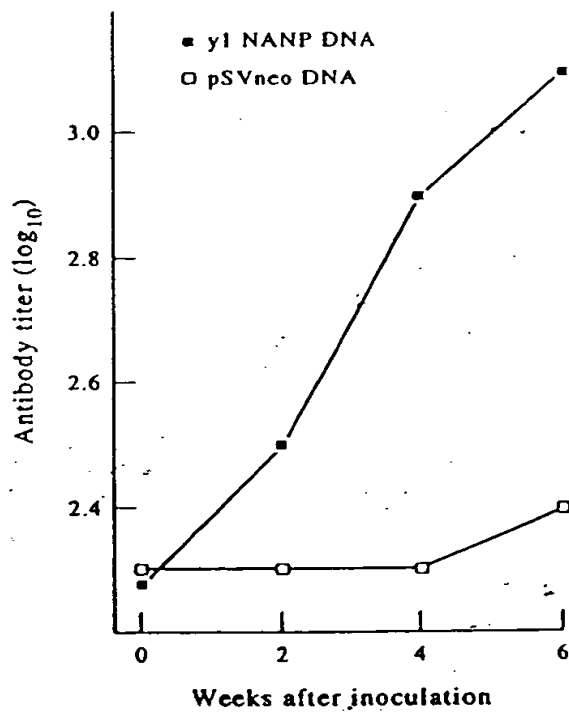


FIGURE 3

Inventor: M. Zanetti

Docket: P-ZA 3519

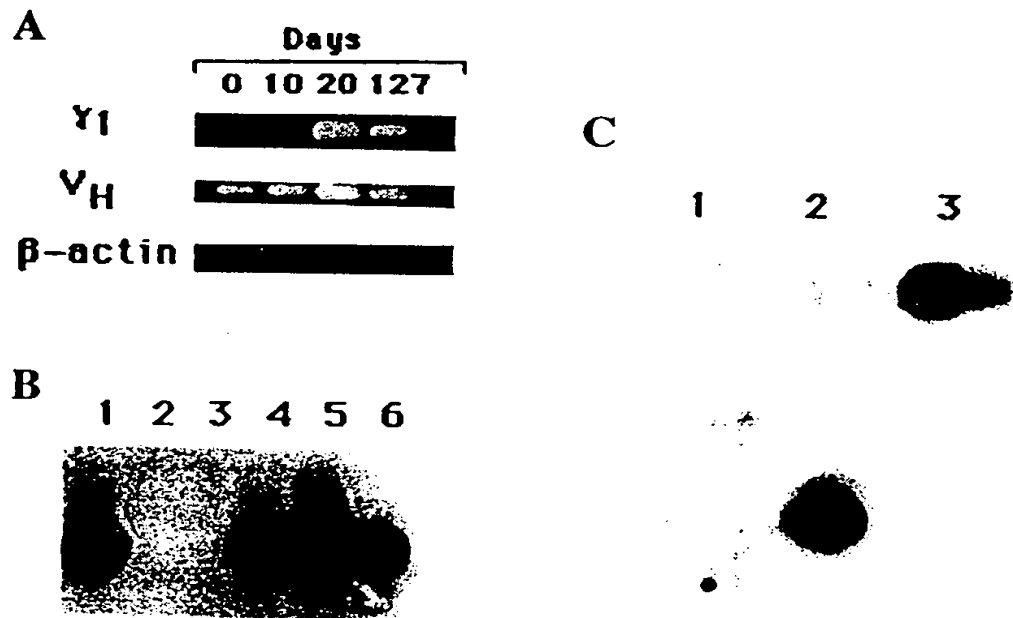


FIGURE 4

FR1

| Y1WT-TAC | CACGTGAAGC | TGCTGGAGTC | TGGGGGAGGC | TTACTGAAGC | TTGAGGGGTC | CCTGAAGACTC | TCCTGTGACG | CCTCTGGATT | CACCTTCAGT |
|----------|------------|------------|------------|------------|------------|-------------|------------|------------|------------|
| SP7 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP8 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP9 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP10 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP11 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP12 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR35 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR36 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR37 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR38 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |

CDR1

FR2

CDR2

| Y1WT-TAC | AGGTATTACA | TGTCTTGCGT | TGGCCAGACT | CCAGAGAAGA | GGCTGGAGTC | GGTGGCAGGC | ATTAAATAGTA | ATGCTGGTAG | CACCTTACTAT |
|----------|------------|------------|------------|------------|------------|------------|-------------|------------|-------------|
| SP7 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP8 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP9 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP10 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP11 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP12 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR35 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR36 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR37 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR38 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |

FR3

| Y1WT-TAC | CCAGCACTG | TGAAGGGCGG | ATTCAACATC | TCAGAGACA | ATGCCAAMAA | CAOCCGTAC | CTGCAATGA | CACTCTGAA | GTCTGAGGAC |
|----------|-----------|------------|------------|-----------|------------|-----------|-----------|-----------|------------|
| SP7 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP8 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP9 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP10 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP11 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP12 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR35 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR36 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR37 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR38 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |

CDR3

FR4

| Y1WT-TAC | ACAGCCTTGT | ATTACTGTCC | AAGAAAGGTA | CCCTACTCTC | ATGCTATGGA | CTACTGGGCT | CAAGGAACCT | CAGTCACCGT | CTCTCAGGTC |
|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| SP7 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP8 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP9 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP10 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP11 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| SP12 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR35 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR36 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR37 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| TR38 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |

| Y1WT-TAC | AAGAATGGCC | TCTCCAGGTC | TTTATTTTTA | ACCTTTGTTA | TGAGTTTTTC | TGAGCATTCG | AG |
|----------|------------|------------|------------|------------|------------|------------|-----|
| SP7 | ----- | ----- | ----- | ----- | ----- | ----- | --- |
| SP8 | ----- | ----- | ----- | ----- | ----- | ----- | --- |
| SP9 | ----- | ----- | ----- | ----- | ----- | ----- | --- |
| SP10 | ----- | ----- | ----- | ----- | ----- | ----- | --- |
| SP11 | ----- | ----- | ----- | ----- | ----- | ----- | --- |
| SP12 | ----- | ----- | ----- | ----- | ----- | ----- | --- |
| TR35 | ----- | ----- | ----- | ----- | ----- | ----- | --- |
| TR36 | ----- | ----- | ----- | ----- | ----- | ----- | --- |
| TR37 | ----- | ----- | ----- | ----- | ----- | ----- | --- |
| TR38 | ----- | ----- | ----- | ----- | ----- | ----- | --- |

FIGURE 5

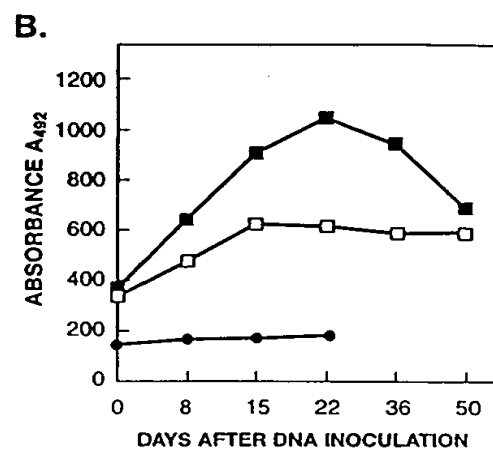
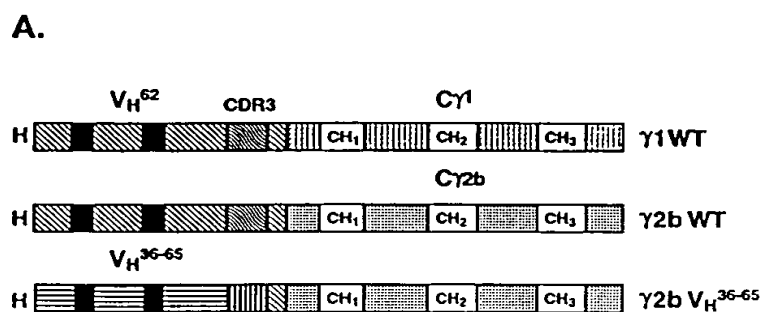


FIGURE 6

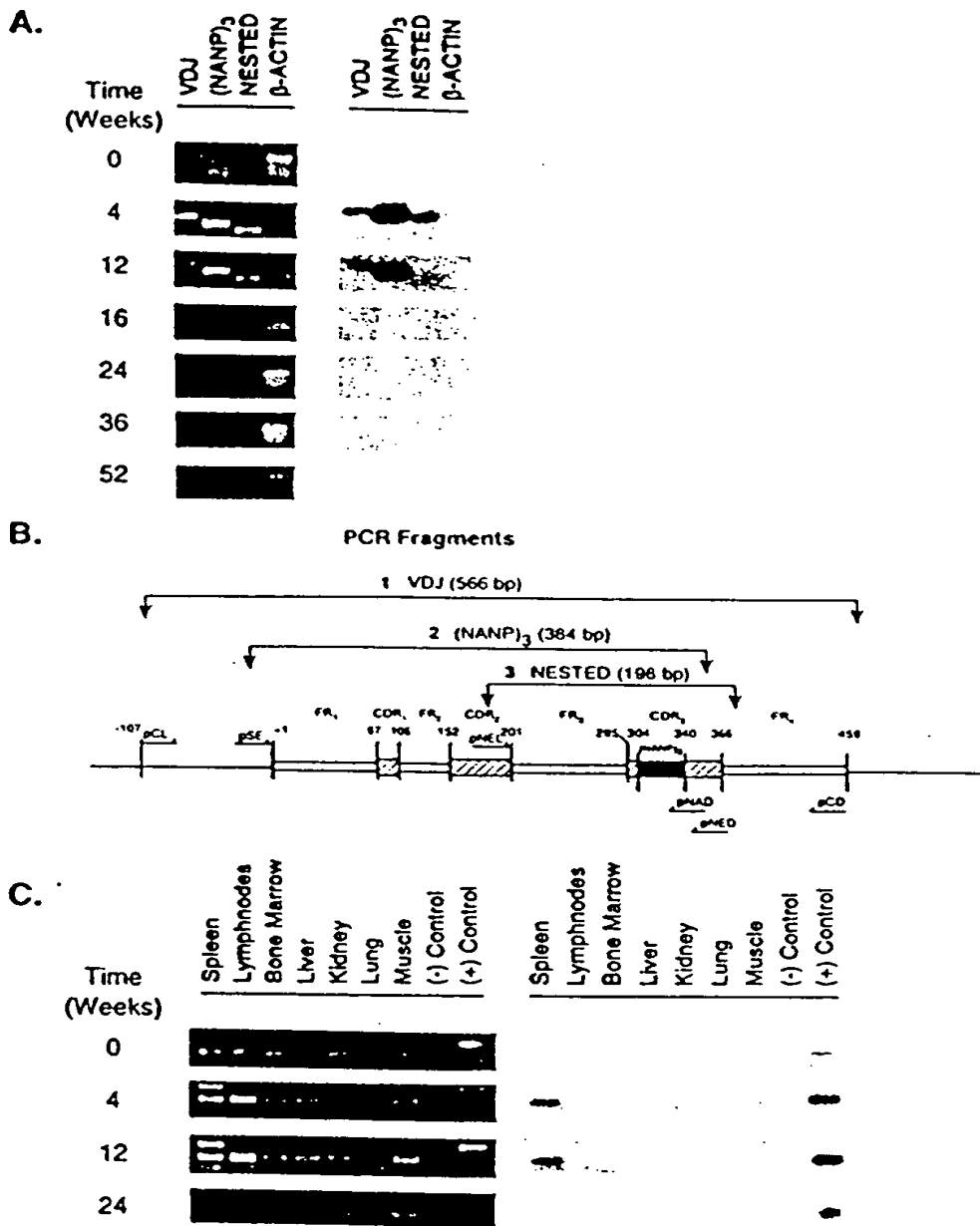


FIGURE 7

65240-5500E60

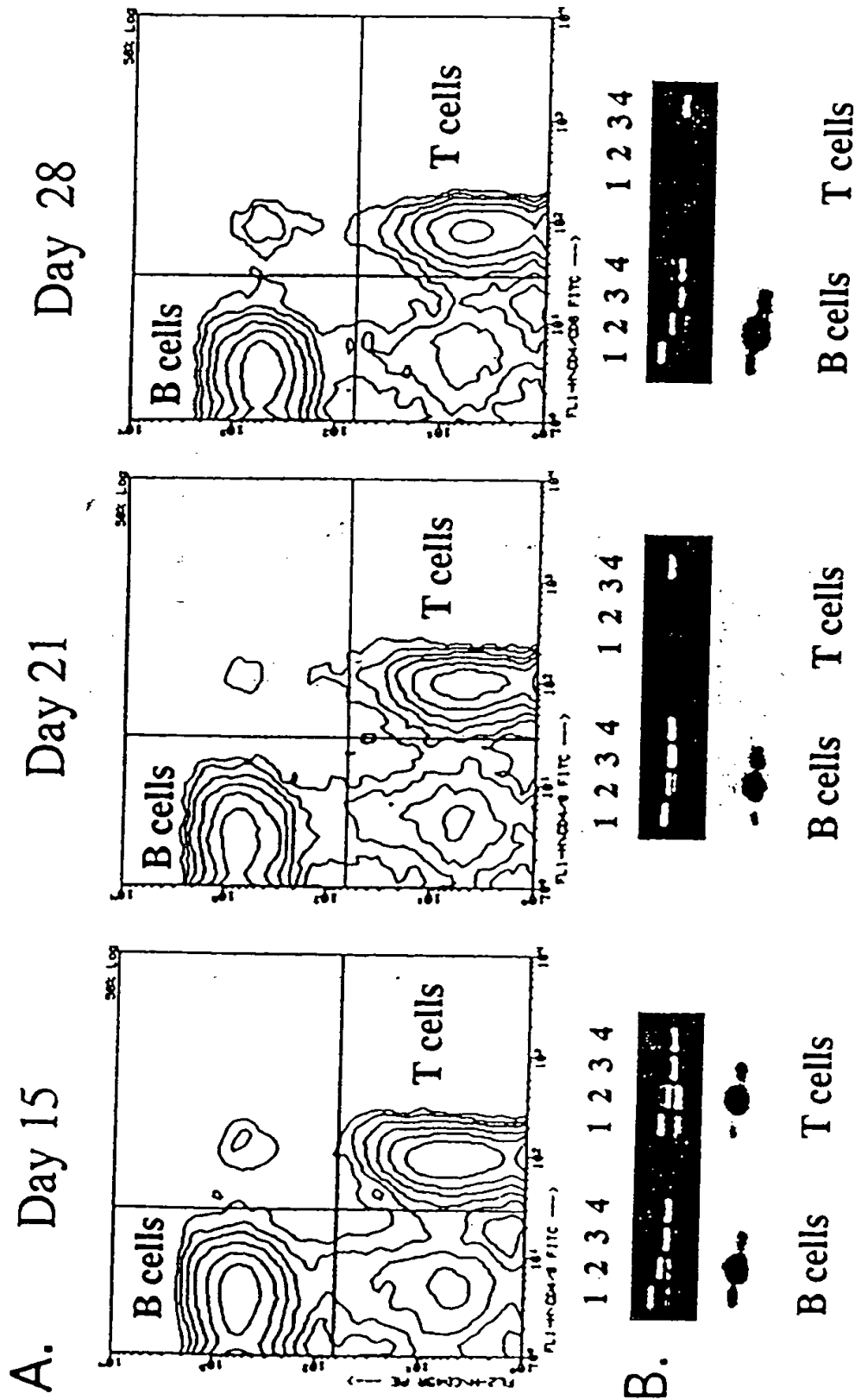


FIGURE 8

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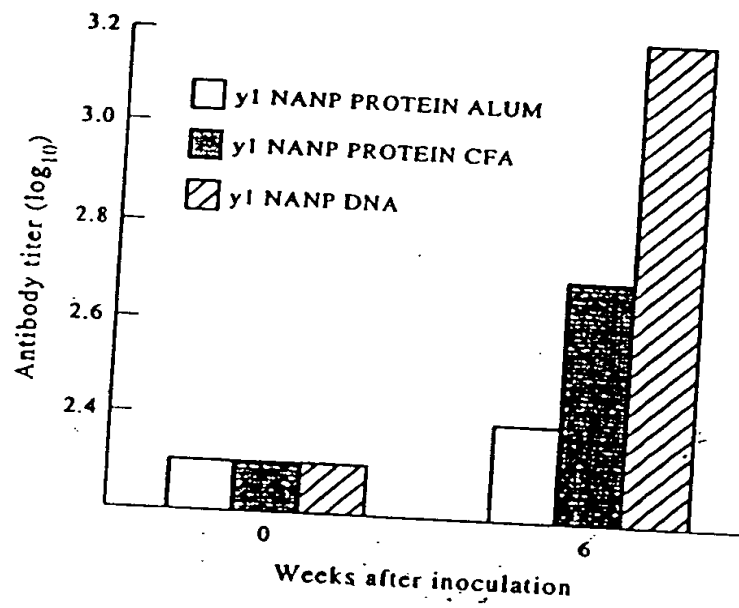


FIGURE 9

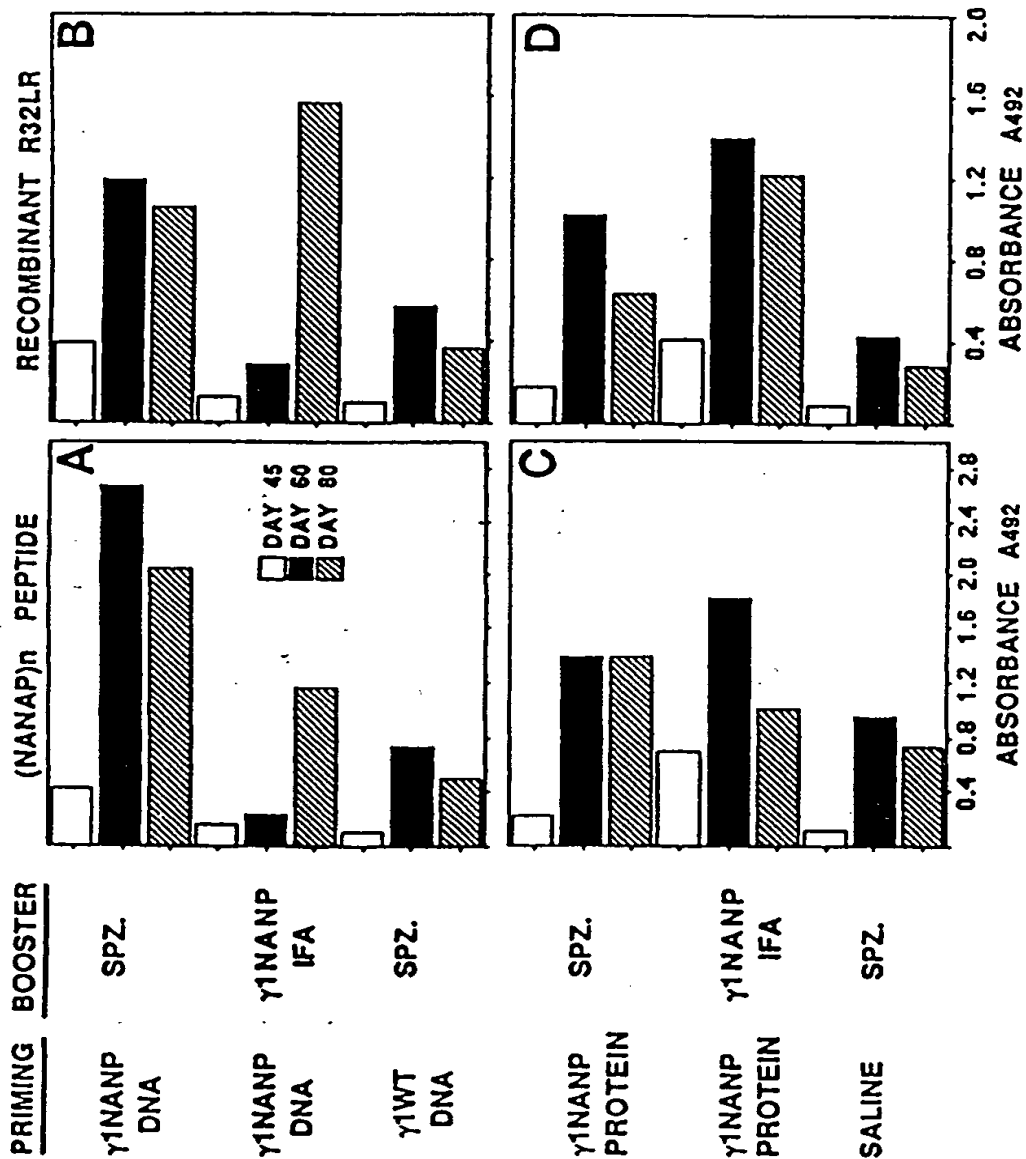


FIGURE 10

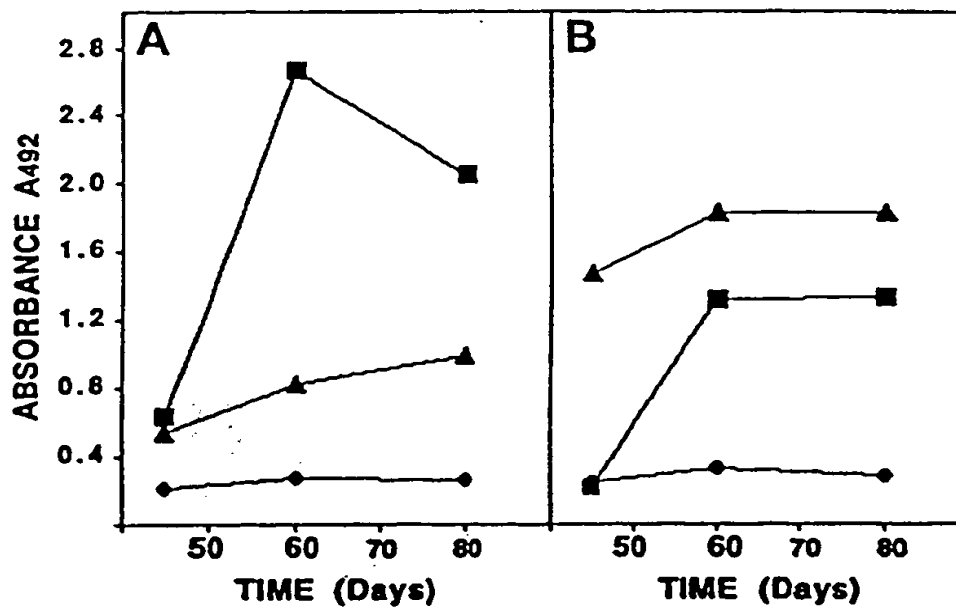


FIGURE 11

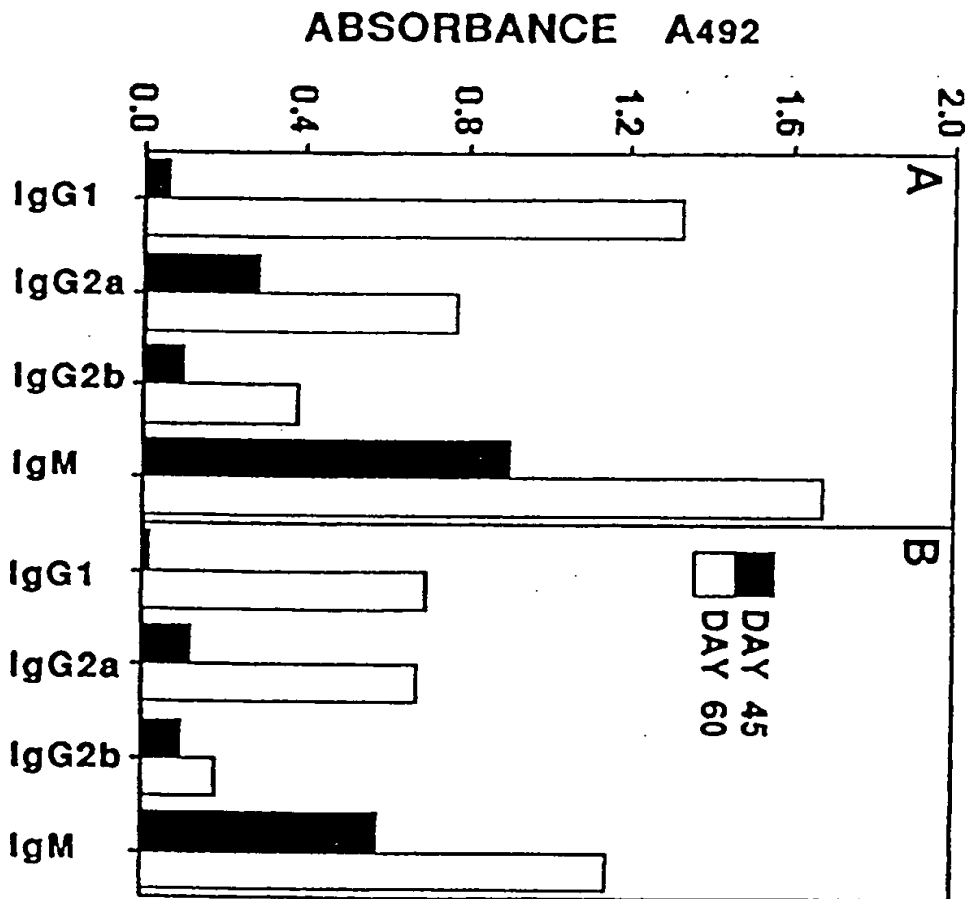


FIGURE 12

09300959-042799

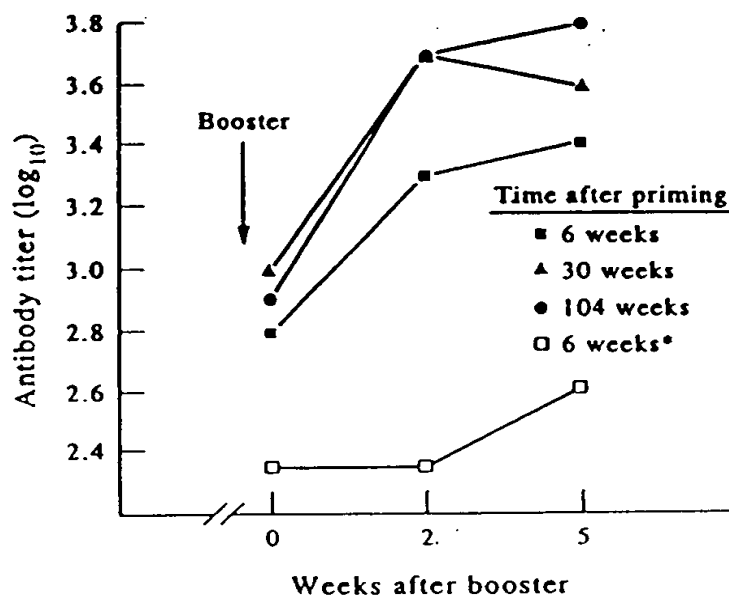


FIGURE 13

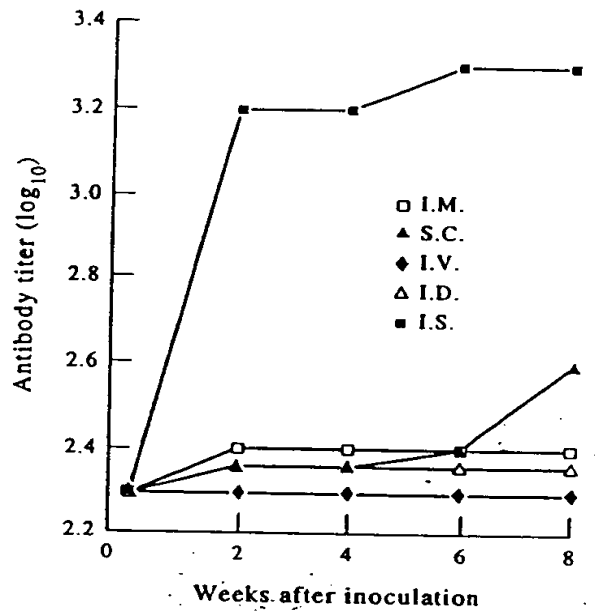


FIGURE 14

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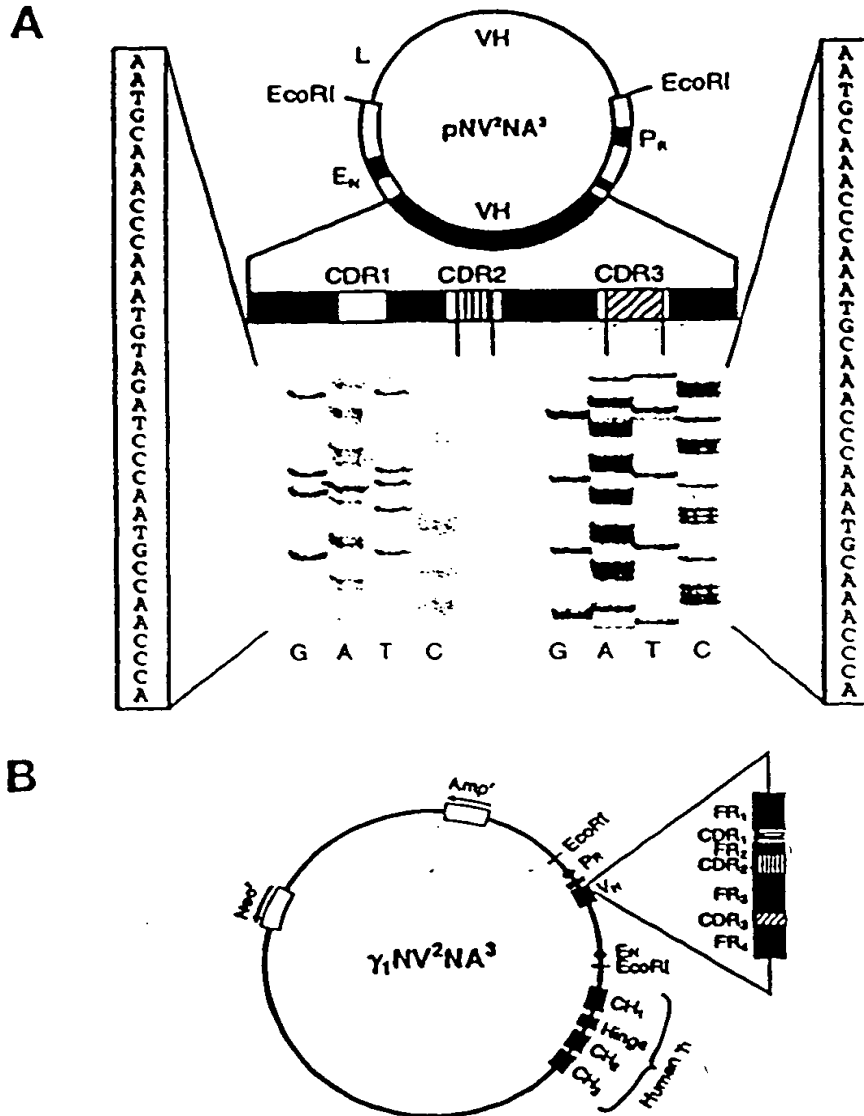


FIGURE 15

Inventor: M. Zanetti

Docket: P-ZA 3519

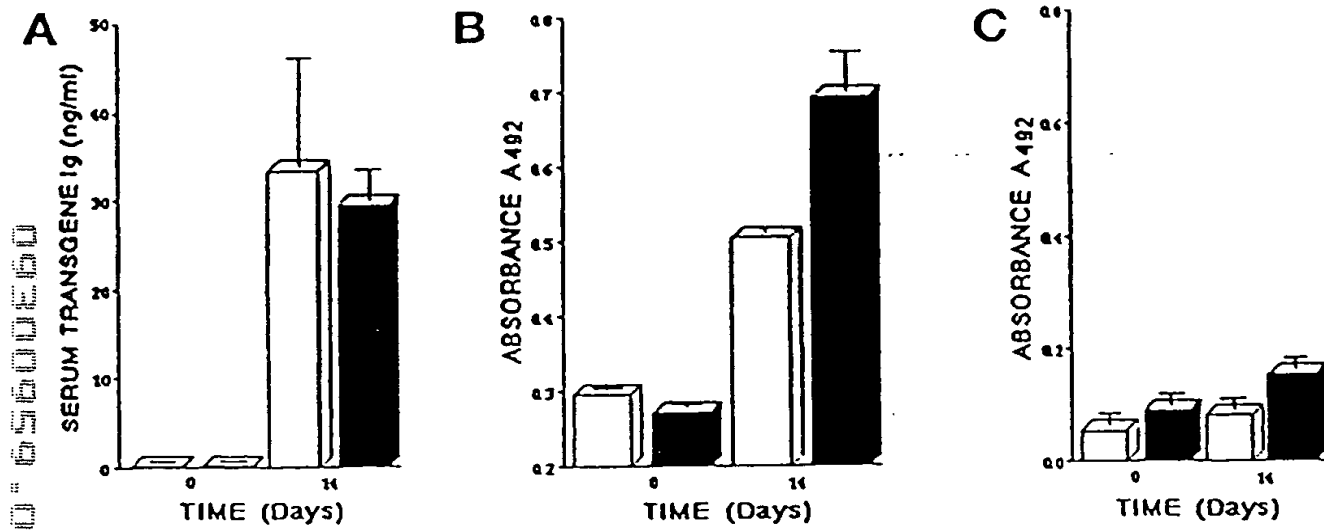


FIGURE 16

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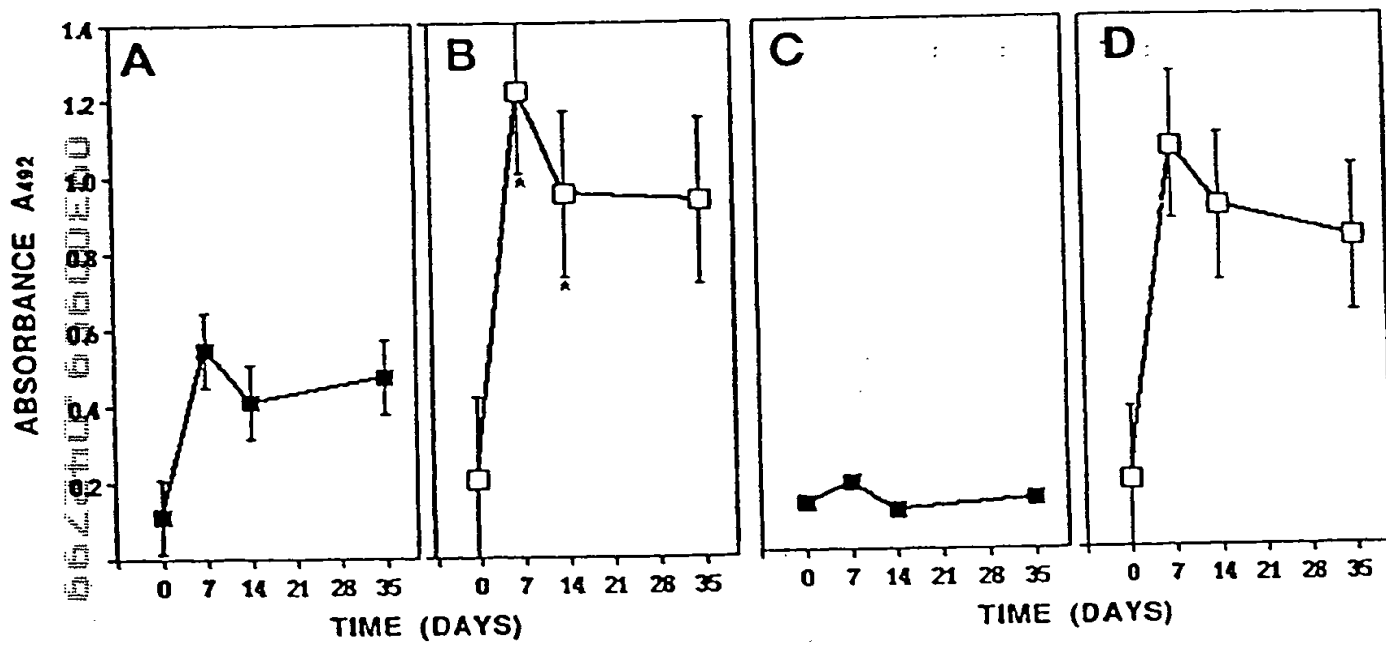


FIGURE 17

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Docket: P-ZA 3519

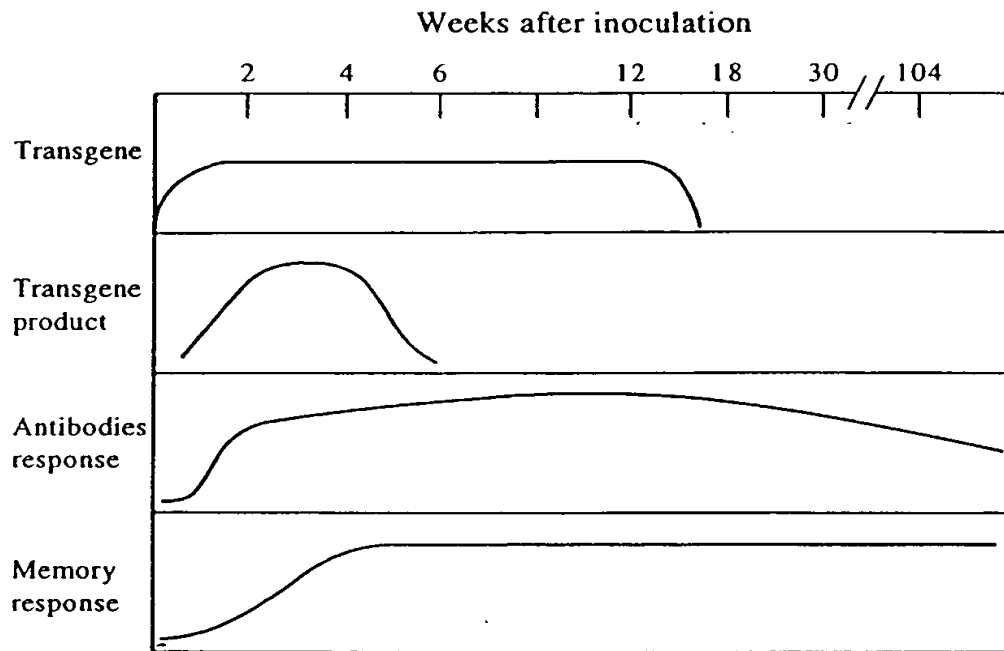


FIGURE 18

Docket: P-ZA 3519



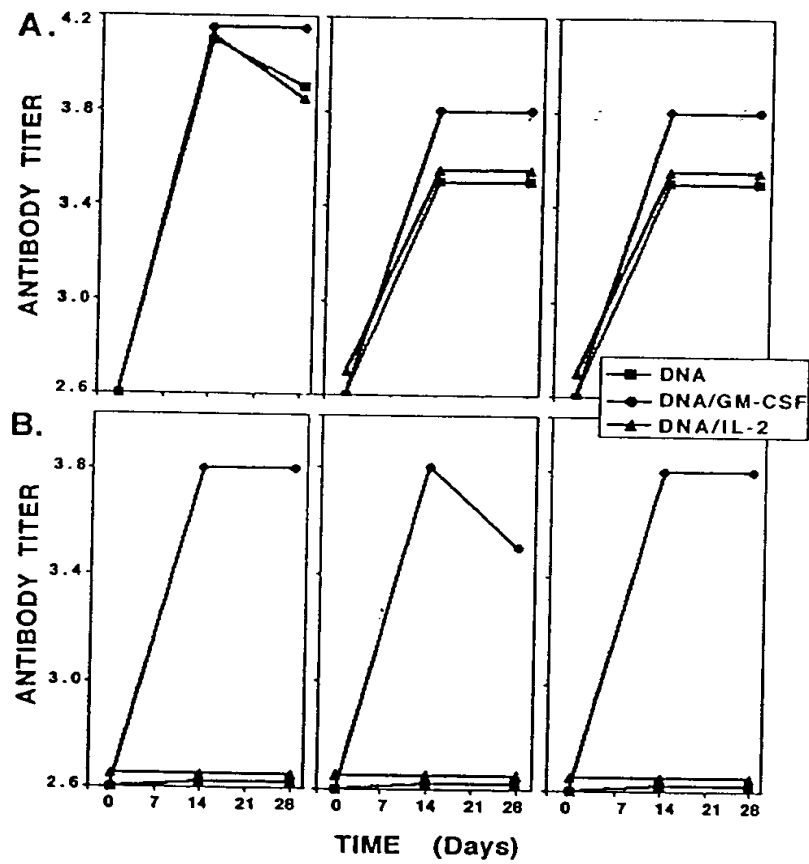


FIGURE 20

062240-65600260

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Docket: P-ZA 3519

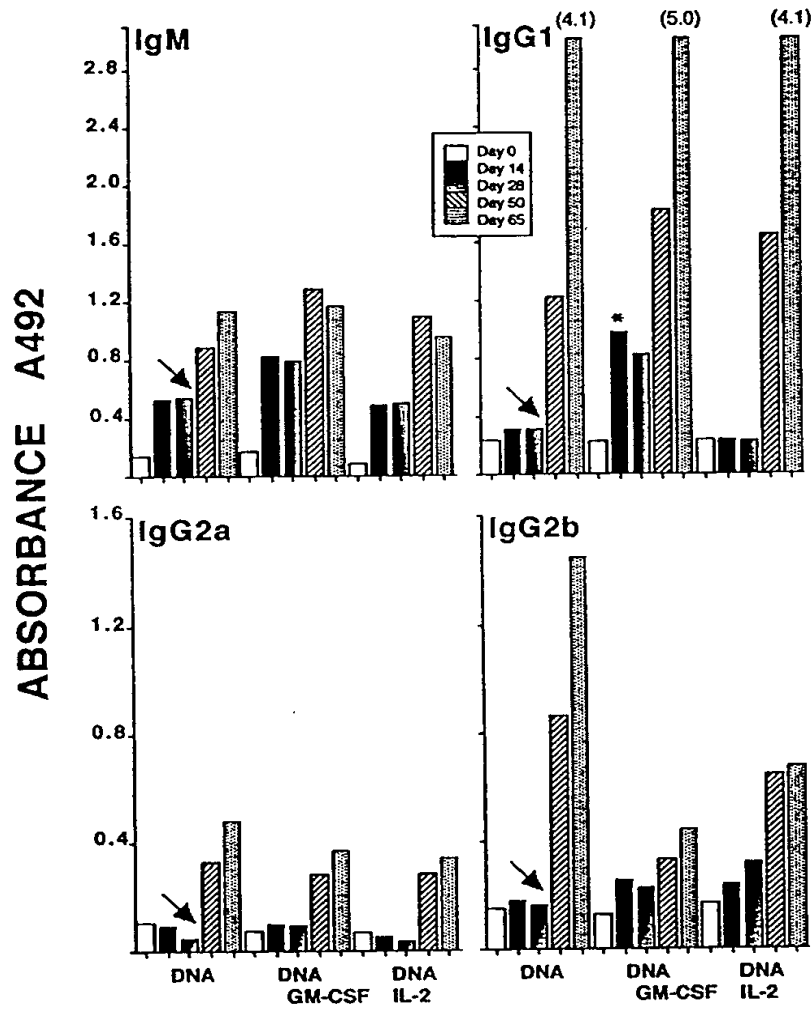


FIGURE 21

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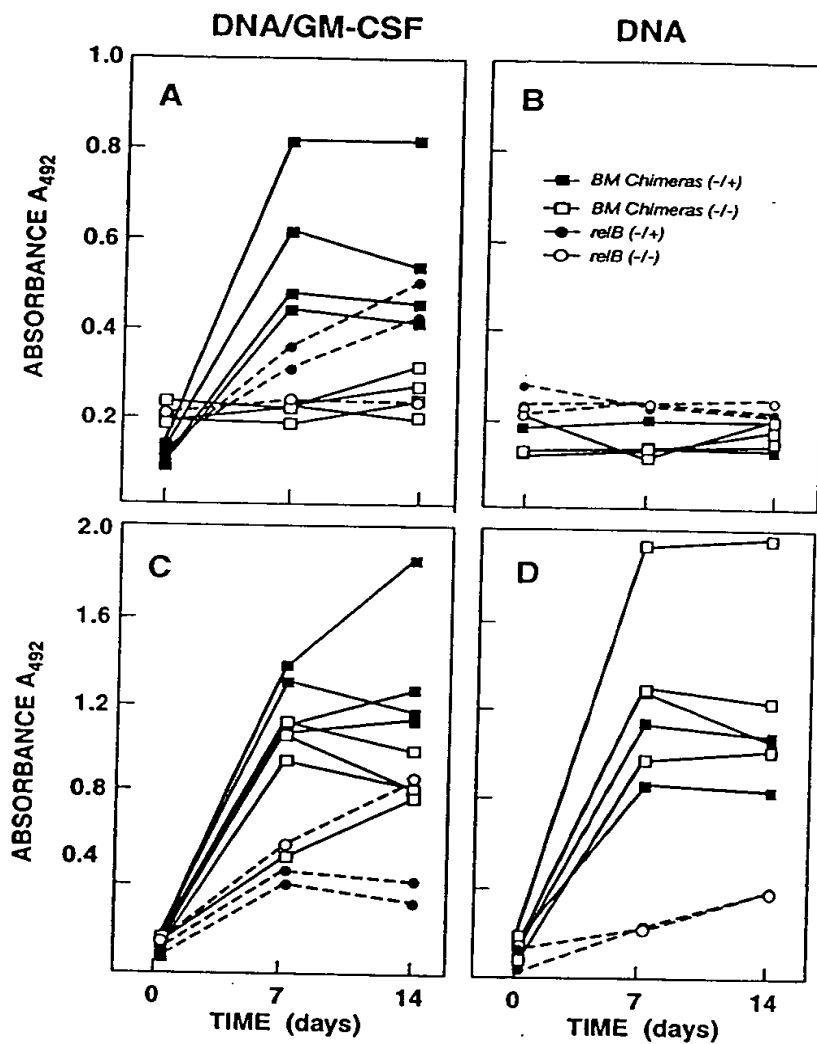


FIGURE 22

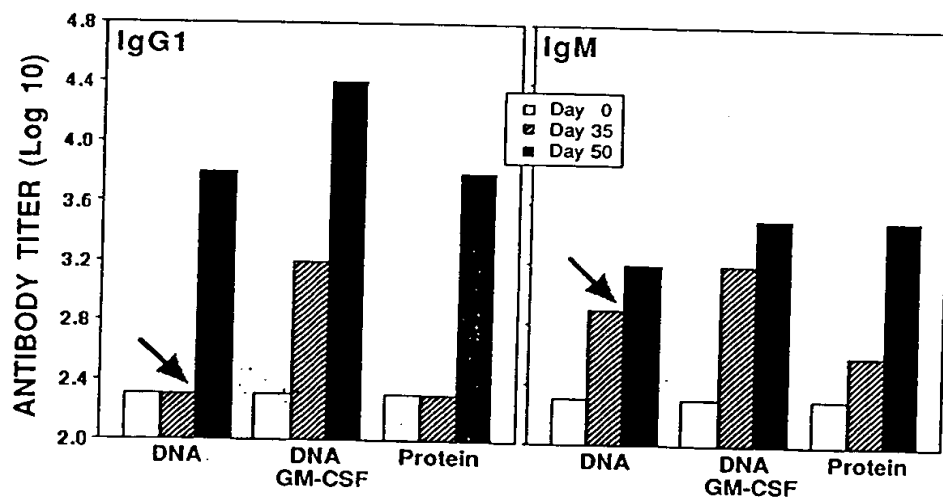


FIGURE 23

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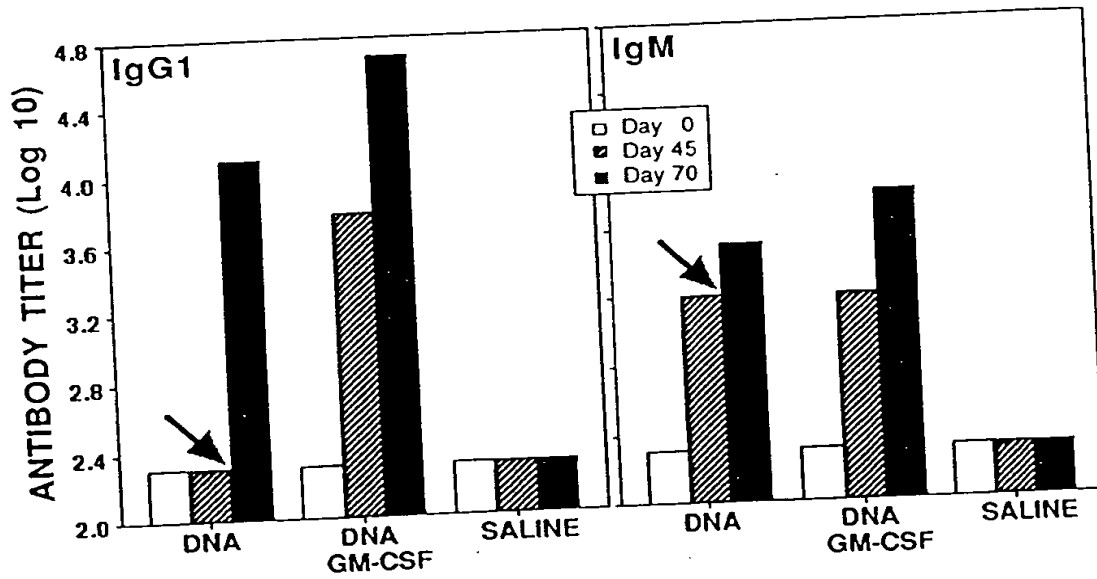


FIGURE 24

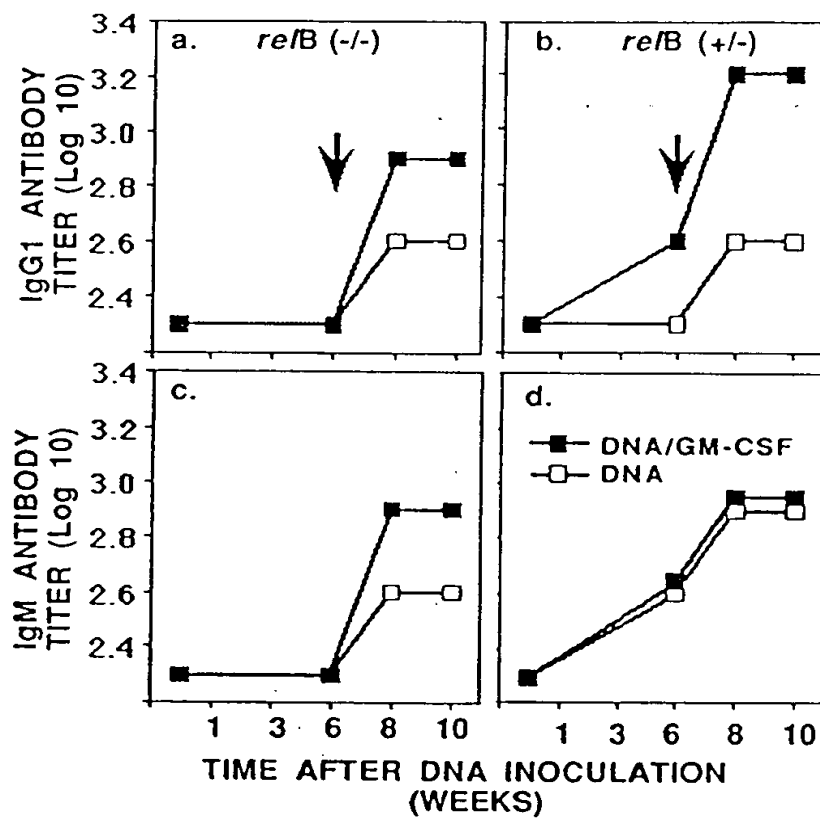


FIGURE 25

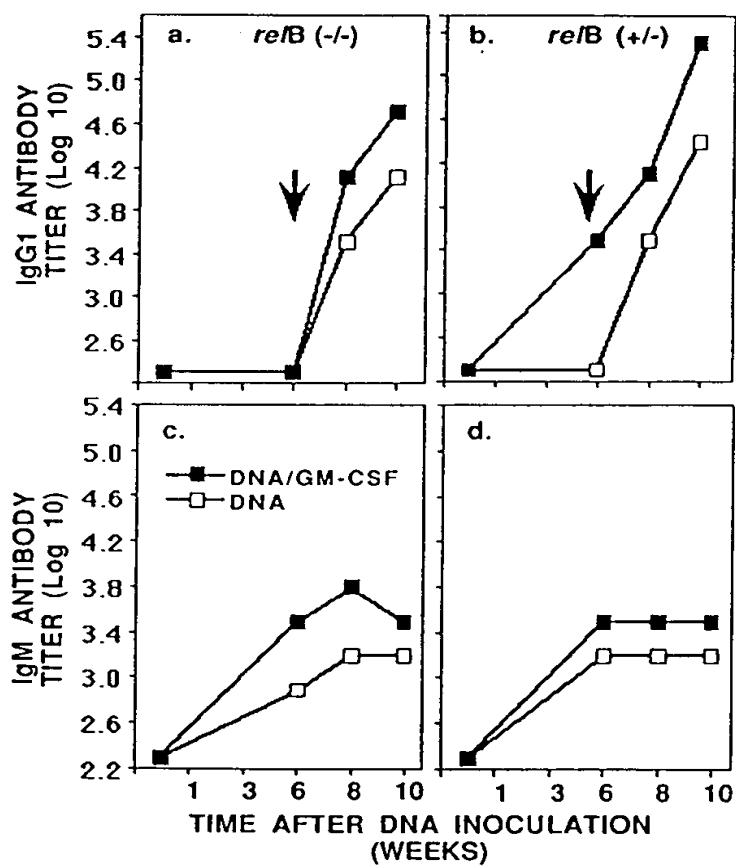


FIGURE 26

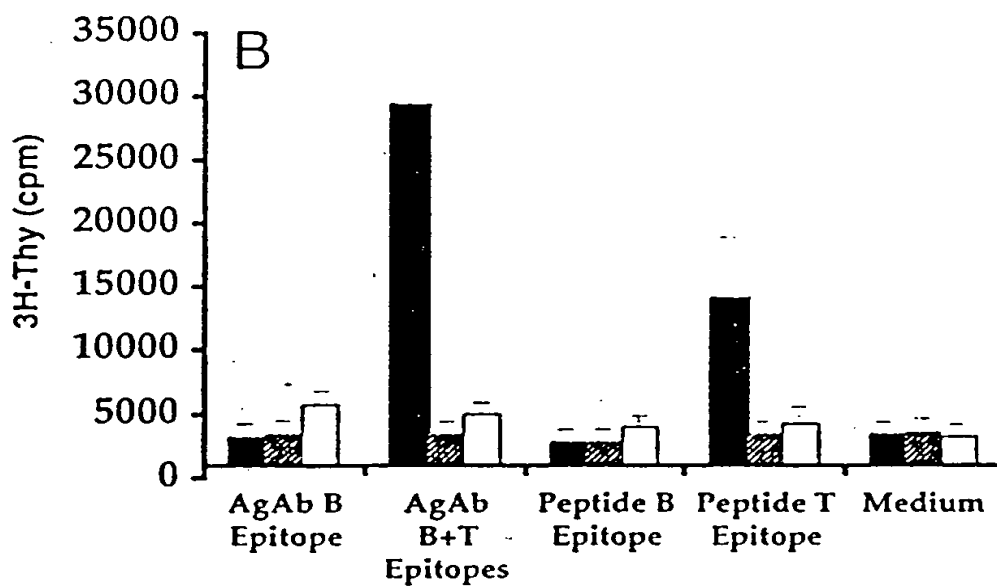
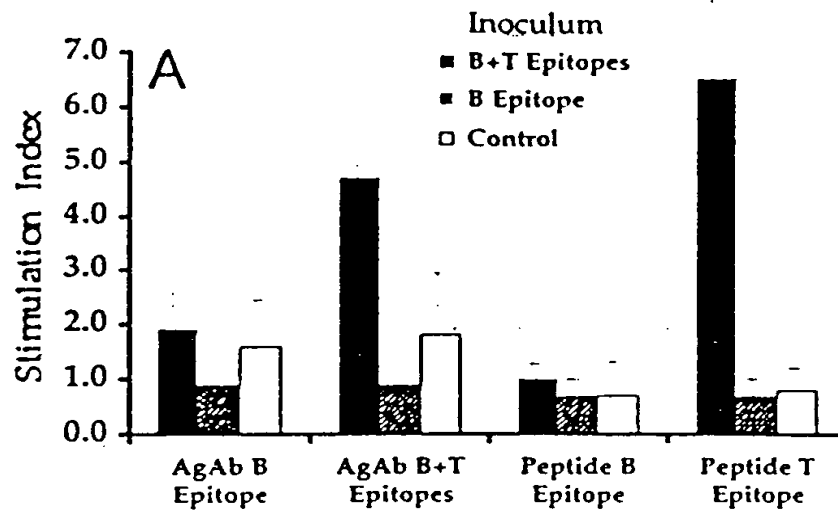


FIGURE 27

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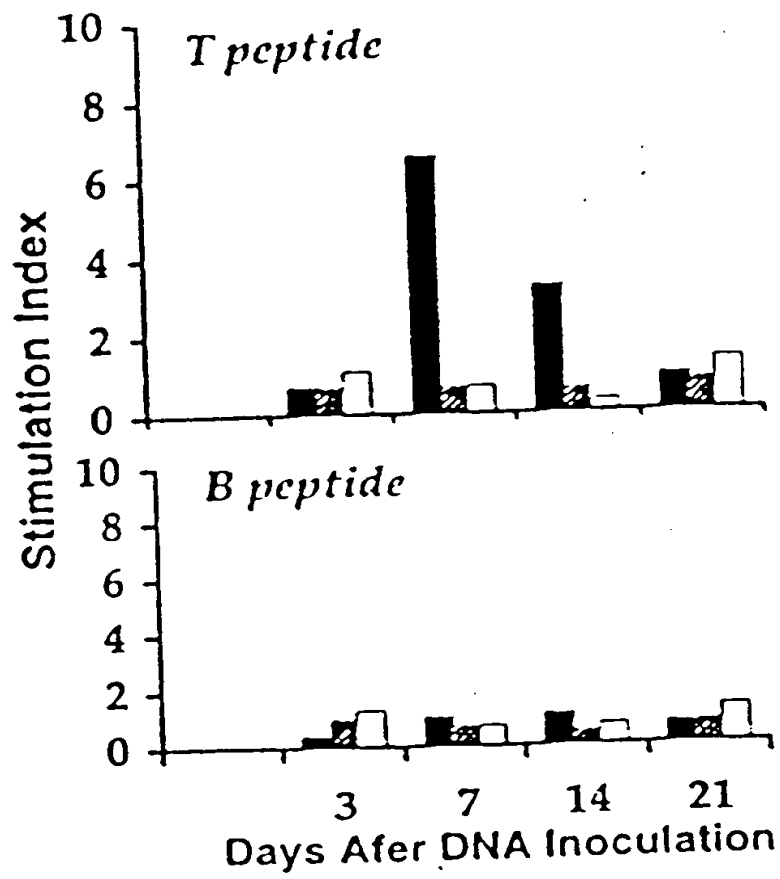


FIGURE 28

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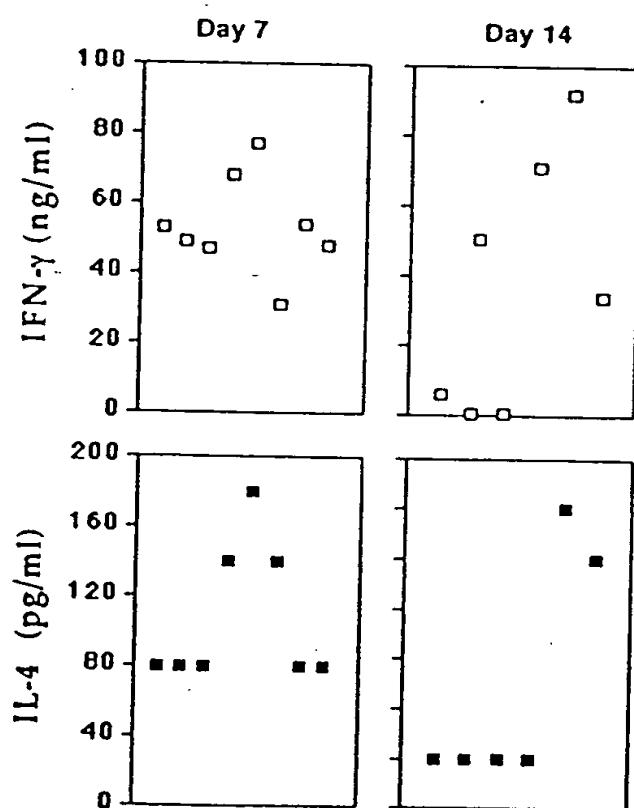


FIGURE 29

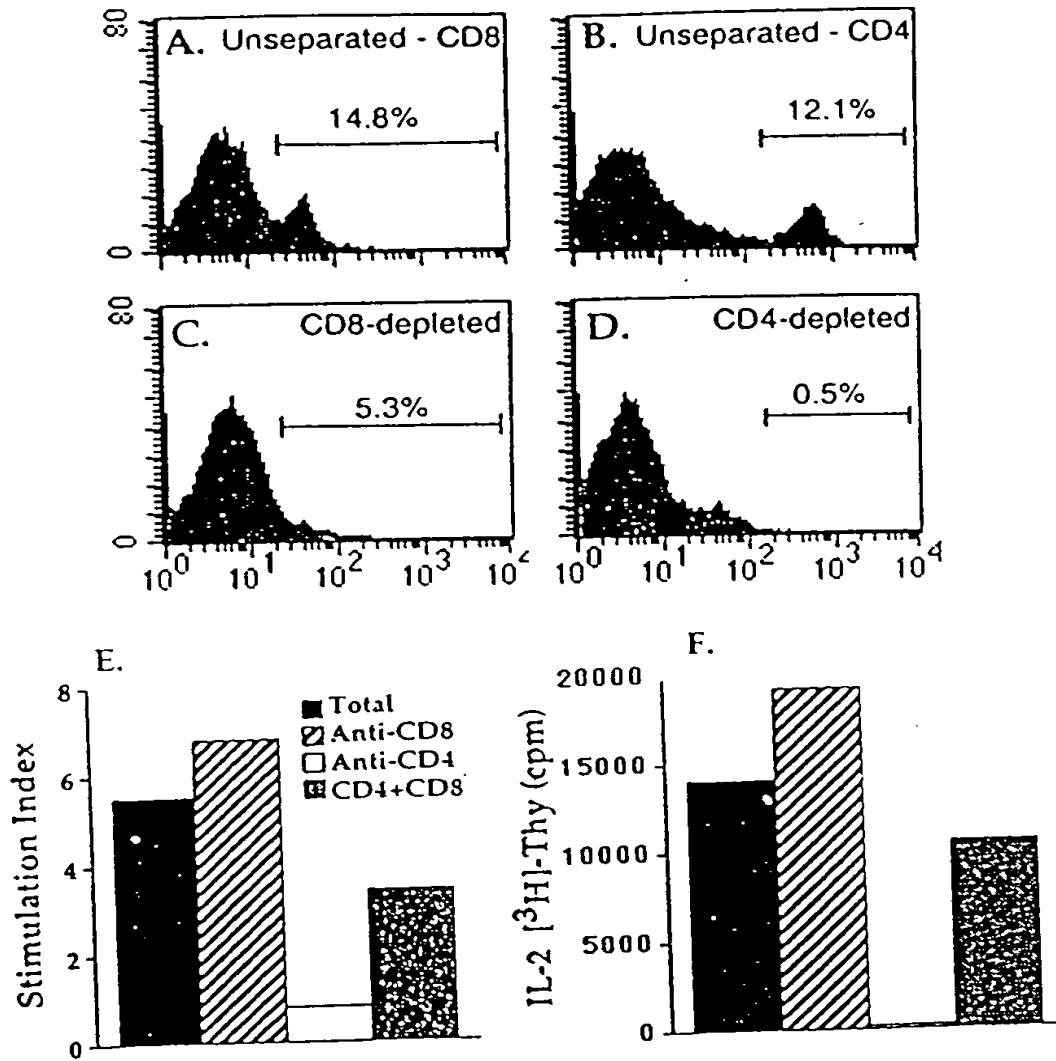


FIGURE 30

662240-65600660

■ Lymphnodes □ Spleen

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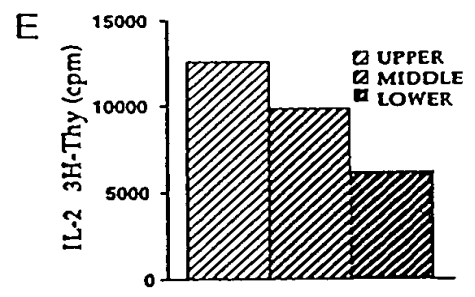
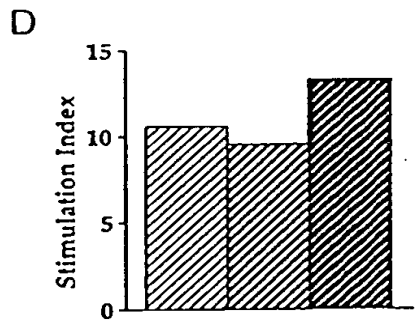
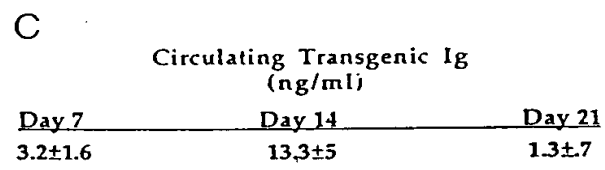
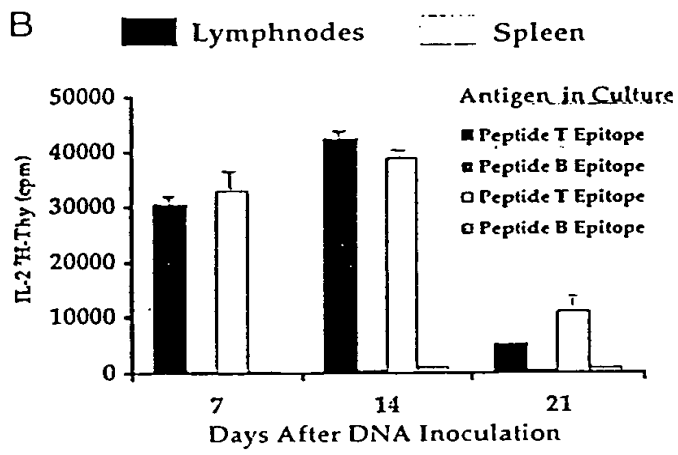
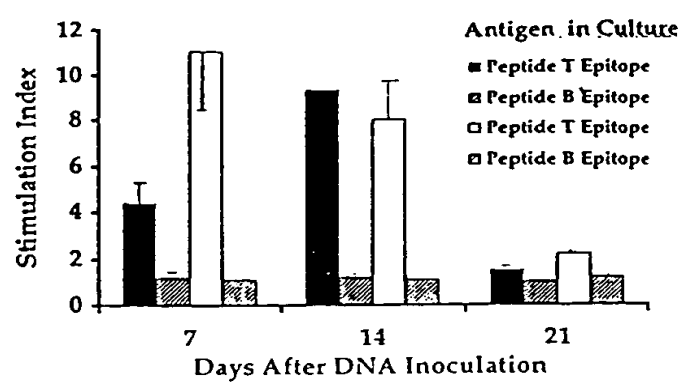
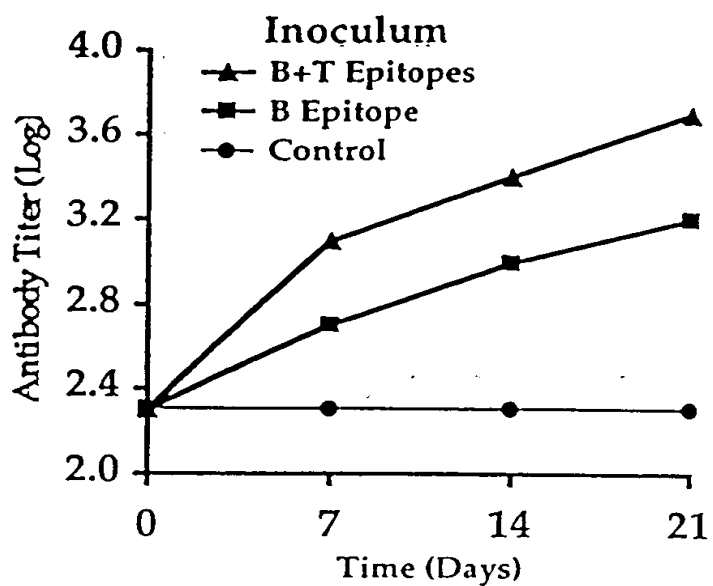
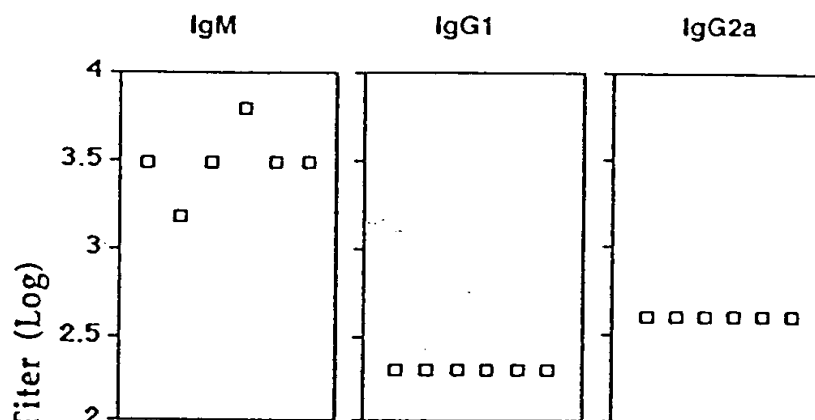


FIGURE 31

A



B



C

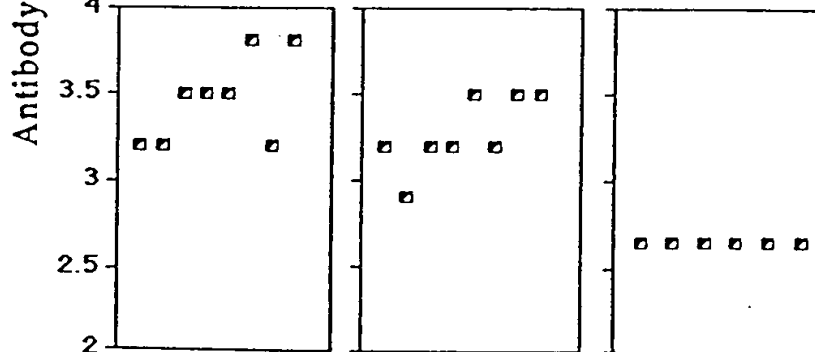


FIGURE 32

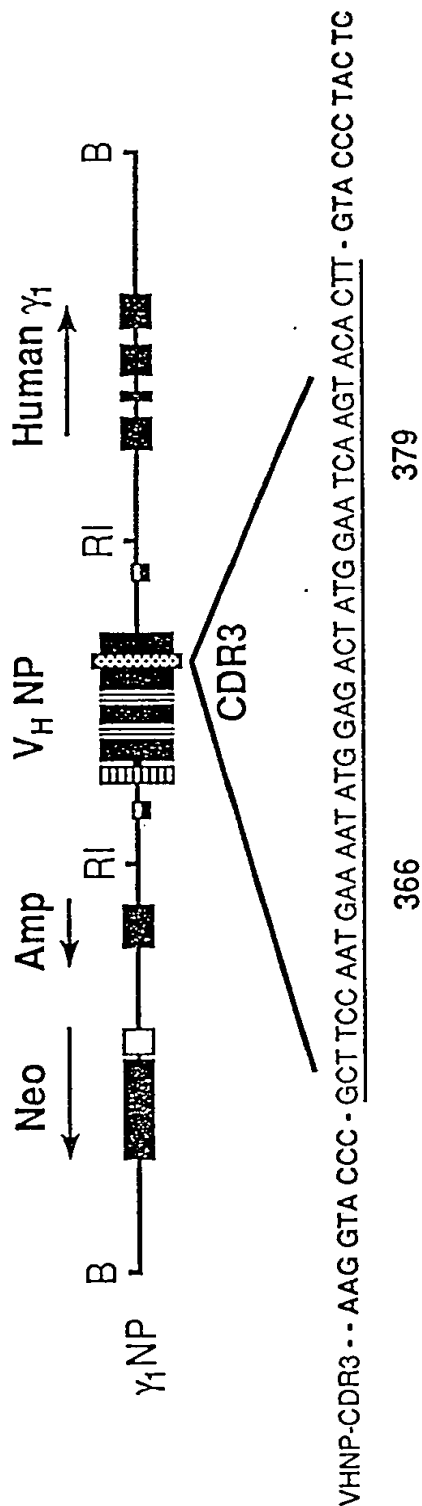


FIGURE 33

Protection Against Infection by Influenza

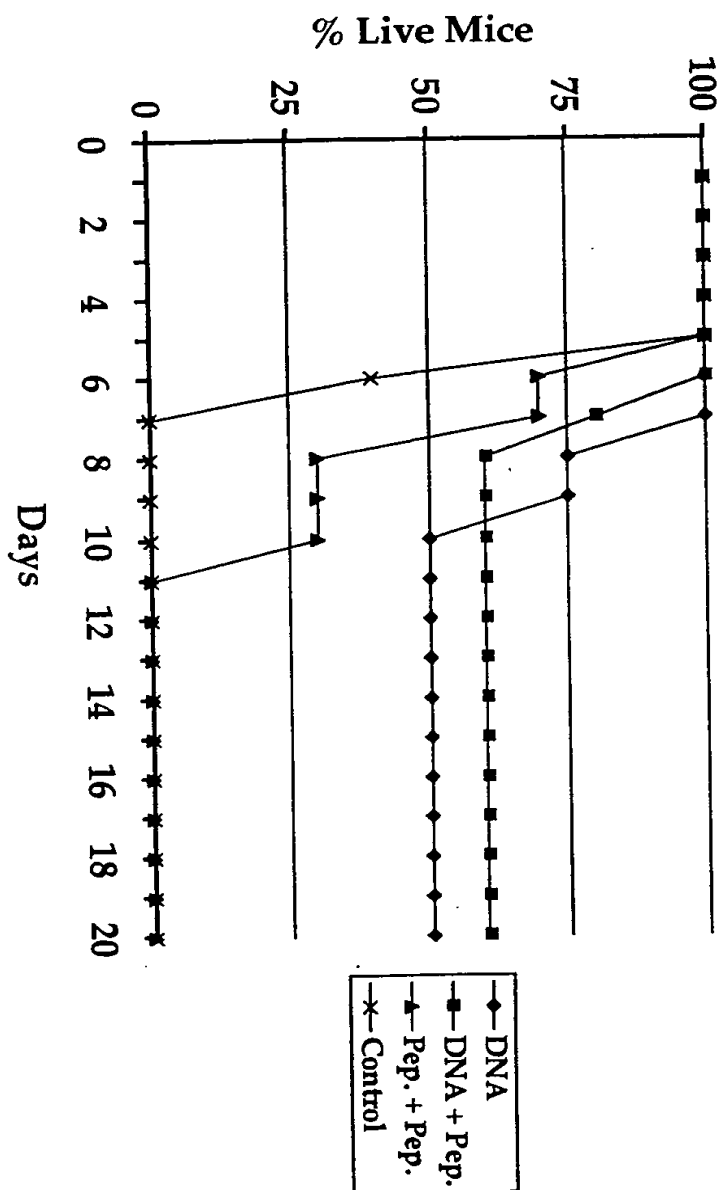


FIGURE 34

09300959 042799

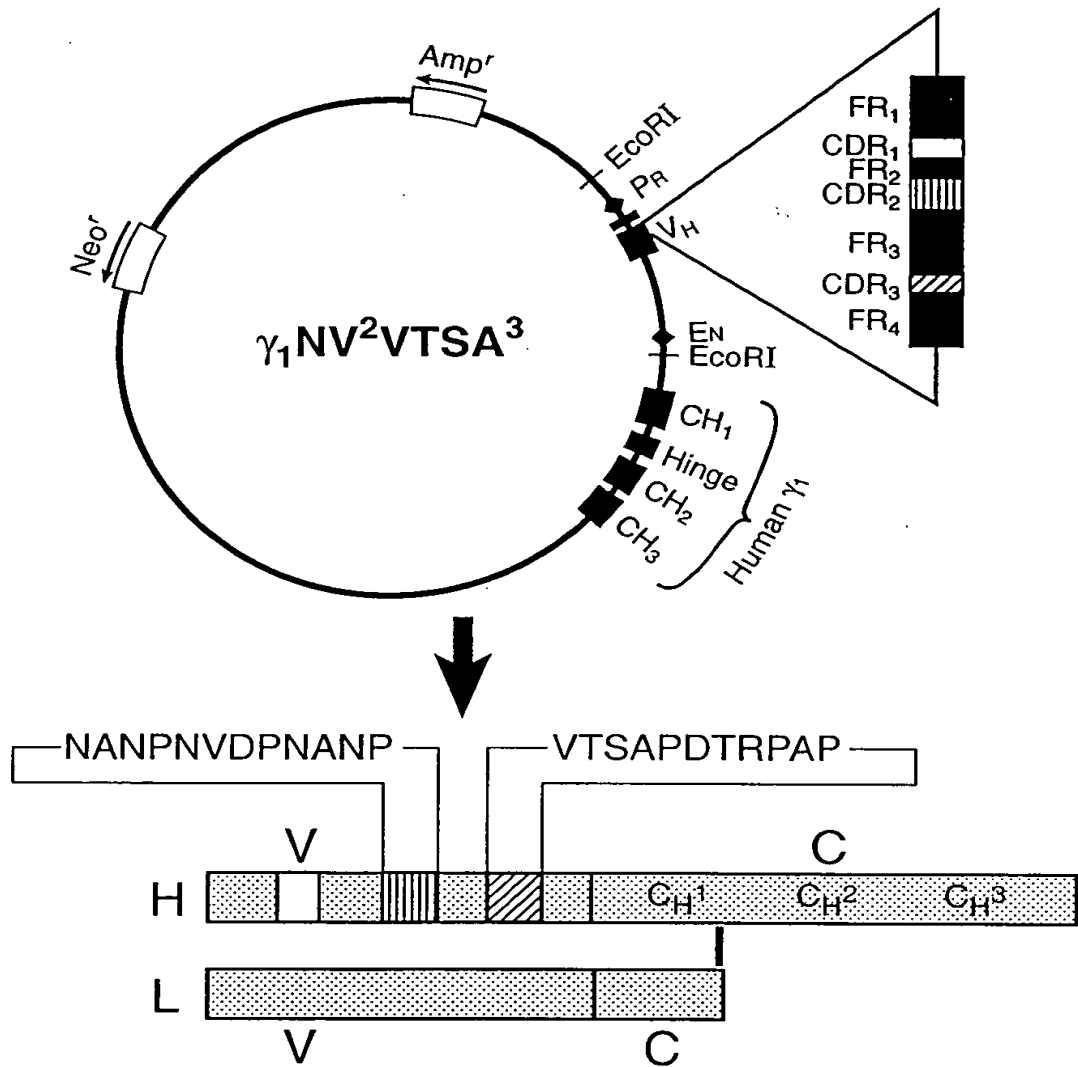


FIGURE 35

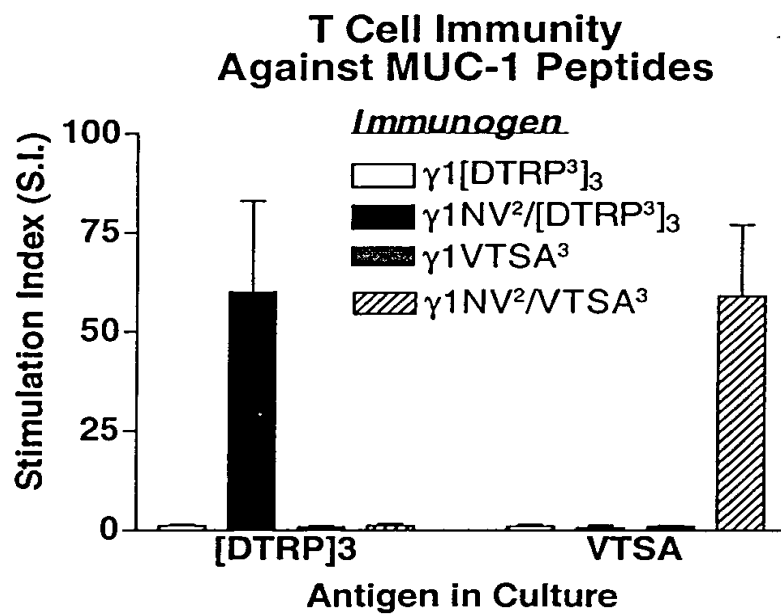
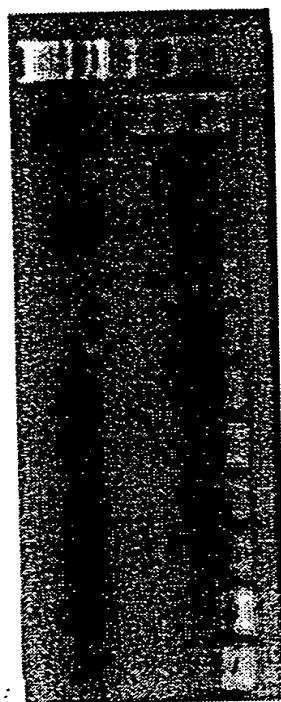
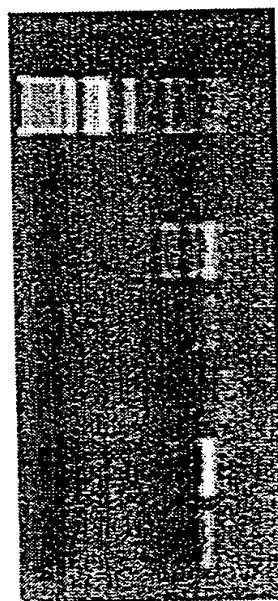


FIGURE 36

Inventor:M. Zanetti
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A.



B.

FIGURE 37